RGB POK3R User manual

Vortexgear RGB POK3R is the world's first small size keyboard with RGB LEDs. It's integrating 3 kind of layout. Also features 3 layers customization options individually programmable key codes and LEDs, all easily set through what you want.

Main Features:

1. Tiny size ANSI or ISO layout
2. Cherry RGB MX inside
3. Arbitrary programming key code and LED colors
4. ABS double shot Keycaps
5. 3 layers customization
6. Built-up 3 kind of layout (Qwerty, Dvorak, Colemak)
7. Metal bezel

Package Content:

1. Keyboard x 1
2. USB Cable x 1

Enjoy now for this fantastic tool and your typing feeling.

Keycode Programming Instructions[*1]:

Step 1. Choose a layer (Fn+<,> or ? key) you want to edit the keycodes.

Step 2. Press Fn + Right CTRL to enter the programming mode (Spacebar right LED steadily lit)

Step 3. Select a desire key you want to program (Spacebar right LED flashing)

Step 4. Key in the programming contents and then press Pn(Spacebar right LED steadily lit again)

Step 5. Repeat step 2 and step 3 to program other keys.

Step 6. Press Fn + Right CTRL to exit programming mode (Spacebar right LED off)

More:

· Support Fn layer programming, you can select the Fn combination key (e.g., Fn + A) to program it

· Support time delay, press 15ms key (Fn + T) each time to delay 15ms, press 0.1s key (Fn + G) each time
   to delay 0.1s, press 0.5s key (Fn + B) each time to delay 0.5s. Consecutive delay will add up but will only
   be counted as 1 key stroke.

· Every key can program up to 32 key strokes.

· If there is no key pressed for 15 sec in programming mode, it will back to normal mode.

Note:
[*1] Default layer, R_ctrl, M,<,> and ? keys are fixed can't be programmed.

Restore to factory default:

Current layer:

Press and hold Fn + R

All layers:

Press and hold both Alt keys, it will clean all the layers' program key codes.

Remark:

1. When you reset the current layer or all layers, the spacebar left LED will flash at the after 5 seconds then it will return to default.

2. If you had changed the Fn position and forgot where it was. You still can press the *original* position of Fn + R to restore it.

Fn General keys				Remark
		ESC	`	
		1	F1	
		2	F2	
		3	F3	
		4	F4	
		5	F5	
		6	F6	
		7	F7	
		8	F8	
		9	F9	
		0	F10	
		- _	F11	
		= +	F12	
Fn	+	I	↑	=	Key code change
		J	←	
		K	↓	
		L	→	
		P	PrtSc	
		[{	ScrLk	
		] }	Pause	
		Z	APP	
		H	Home	
		N	End	
		U	PgUp	
		O	PgDn	
		Backspace	Del	
		" '	Del	
		; :	Ins	

Switching Layer					Remark
Fn	+	M	=	Default	Spacebar left LED off
		<,		Layer 2	Spacebar left LED showing RED color.
		>.		Layer 3	Spacebar left LED showing Green color
		?/		Layer 4	Spacebar left LED showing Blue color

Multimedia key function					Remark
Fn	+	Q	=	Previous	
		W		Pause/Play	
		E		Next	
		S		Volume -	
		D		Volume +	
		F		Mute	

Multi-color dynamic Backlighting					Remark
Pn	+	ESC	=	Palette	
		1		Single Color - Red	
		2		Single Color - Green	
		3		Single Color - Blue	
		4		Display single color LED mode[*2]	
		5		Display full color LED mode[*3]	
		9		Custom LED mode 1	
		0		Custom LED mode 2	
		- _		Display recording 1	
		= +		Display recording 2	
		X		Brightness down	
		V		Brightness up	
		<		LED speed up	
		>		LED speed up	

Note:

[*2] Interactive mode, Flash vortex mode, Laser row mode.

[*3] Full key light mode, Breath mode, Vortex mode, Rain drop mode.

RGB LEDs edit descriptions:

The RGB POK3R has a total of 3 layers to edit the LEDs.[*4]

Step 1. Choose a layer (Fn+<,> or ? key) you want to edit.

Step 2. Press Pn + 9 or 0 to enter the edit mode.

Step 3. Press Pn + 1,2 and 3 to mix color[*5] **OR** press Pn + ESC[*6] to turn on the palette and select a color you want.

Step 4. Select a key or a row you want to change color.

Step 5. Press Pn + 9 or 0 again to exit edit mode.

Step 6. Press Pn + **-** or Pn + **=** to display the previously saved setting.

Note:

[*4] Each layer can be edited in single key(Pn+9) or whole row(Pn+0)

[*5] The color you mixed will show on Pn key

[*6] There are total have 61 kinds of colors on palette.

DIP Switch function descriptions:

SW 1	SW 2		Layout	Remark
ON	ON	=	Colemak	
ON	OFF	=	Dvorak	Default = OFF
OFF	ON	=	Qwerty	
OFF	OFF	=	Qwerty	

	ON	OFF	Remark
SW 3	CapsLock = FN	CapsLock = CapsLock	Default = OFF
SW 4	Change Fn & Pn at any position	Fn & Pn at original position	R_CTRL Shall not be changed to Fn or Pn

Others:

1. Fn + Shift + ESC = ~

2. L_Win + R_Alt + Spacebar:
The bottom right corner as arrow keys.